

## QED 100 Series: Grade 1 Heavy-Duty Exit Devices

### Rim Type

#### Performance Features

- Tested and certified to significantly exceed 1,000,000 cycles – well above the requirements for Grade 1 certification.
- Thru-bolt trim design for increased security and durability.
- Wide variety of trim options to fit any job.
- Consistent styling allows for harmonization with other STANLEY Commercial Hardware products.

#### Certifications

- ANSI/BHMA A156.3 – Grade 1
- UL/cUL listed (3 hours) for "A" label door applications (8' x 8')
- ANSI A117.1 Section 404.2.6 Accessibility Code (ADA Compliant)
- Hurricane Compliant – Miami-DADE N.O.A. See page 78 for more details.



#### Product Specifications

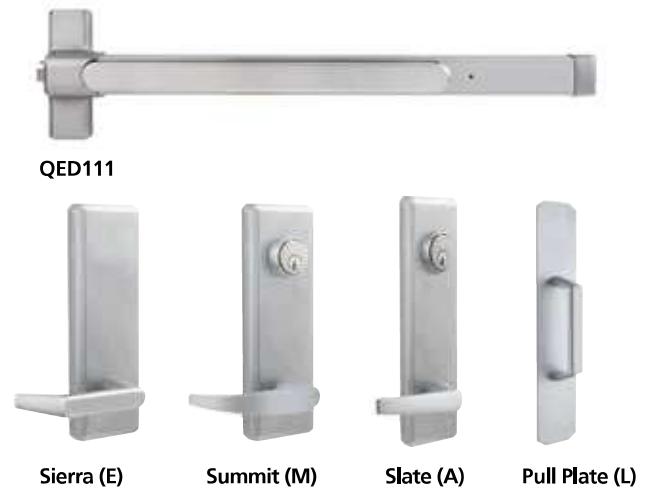
- Handing – All QED100 Series Exit Devices are non-handed.
- Door thickness – 1 3/4" standard (44.5mm).
- Latch bolt – Stainless steel 3/4" standard (19mm).
- Fasteners – Wood screws, machine screws and sex bolts standard.
- Head cap & end cap – Zinc die-cast.
- Trims – Sierra, Summit and Slate styles available.  
Escutcheon offering – Dummy, passage, keyed, night latch.  
Pull plate offering – Dummy, thumbpiece, night latch, flat plate.
- Stile width – 4 1/4" minimum (108mm).
- Dogging – Hex key dogging and cylinder dogging available.
- 36" field sizeable to 32" door.  
48" field sizeable to 36" door.
- Standard backset – 2 7/8" (62mm) to face of doorstop.
- Electrification options available.

#### Keying

- Offered with the following keyway options: BF-SFIC "F", KW-Kwikset, WE-Weiser, SC-Schlage, GA-Yale, LA-Sargent & LC-Less Cylinder. Consult factory for other cylinder options and for details on Mortise and Rim Cylinder requirements.

#### Warranty

- Lifetime Mechanical, 3-year finish, 1-year electrical



#### Functions

Series	Description
QED111	Rim Hex Dog
QED112	Rim Cylinder Dog
QED113	Rim Fire-Rated

#### Exit Trim Offerings

ANSI	Series	Description
02	QET120	Dummy Lever Escutcheon
02	QET125	Dummy Pull Plate
14	QET130	Passage Lever Escutcheon
08	QET160	Keyed Lever Escutcheon
05	QET165	Thumbpiece
02	QET167	Dummy Thumbpiece
09	QET170	Night Latch Lever Escutcheon
03	QET175	Night Latch Pull
01	QET190	Flat Plate

#### Finishes

BHMA	Description
605	Bright Brass
710	Anodized DuraNodic Bronze
626	Satin Chrome

# QED 100 Series: Grade 1 Heavy-Duty Exit Devices

## Surface Vertical Rod (SVR) Type

### Performance Features

- Tested and certified to significantly exceed 1,000,000 cycles – well above the requirements for Grade 1 certification.
- Thru-bolt trim design for increased security and durability.
- Wide variety of trim options to fit any job.
- Consistent styling allows for harmonization with other STANLEY Commercial Hardware products.

### Certifications

- ANSI/BHMA A156.3 – Grade 1
- UL/cUL listed (3 hours) for “A” label door applications (8' x 8')
- ANSI A117.1 Section 404.2.6 Accessibility Code (ADA Compliant)
- Hurricane Compliant – Miami-DADE N.O.A. See page 72 for more details.



### Product Specifications

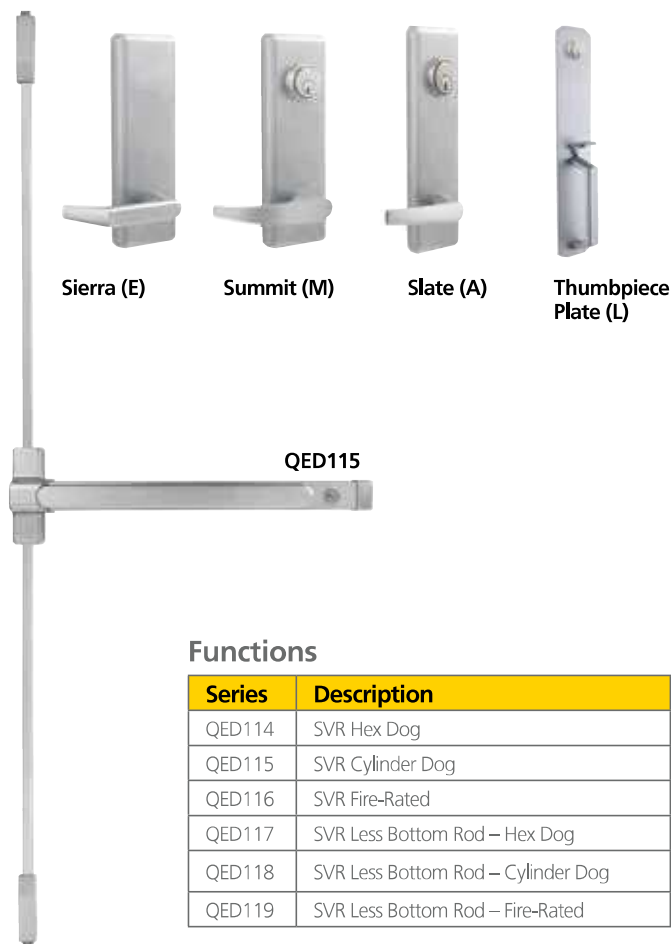
- Handing – All QED100 Series Exit Devices are non-handed.
- Door thickness – 1 3/4" standard (44.5mm).
- Door height – 7' standard with 84" rods; 8' with 96" rods.
- Latch bolt – Stainless steel 1/2" throw (12.7mm).
- Fasteners – Wood screws, machine screws and sex bolts standard.
- Head cap & end cap – Zinc die-cast.
- Trims – Sierra, Summit and Slate styles available.  
Escutcheon offering – Dummy, passage, keyed, night latch.  
Pull plate offering – Dummy, thumbpiece, night latch, flat plate.
- Stile width – 3 1/2" minimum (89mm). Consult installation template for appropriate device length to ensure proper fit.
- Dogging – Hex key dogging and cylinder dogging available.
- 36" field sizeable to 32" door.  
48" field sizeable to 36" door.
- Standard backset – 2 7/8" (62mm) to face of doorstop.
- Electrification options available.
- QED119 includes bottom fire latch.

### Keying

- Offered with the following keyway options: BF-SFIC "F", KW-Kwikset, WE-Weiser, SC-Schlage, GA-Yale, LA-Sargent & LC-Less Cylinder. Consult factory for other cylinder options and for details on Mortise and Rim Cylinder requirements.

### Warranty

- Lifetime Mechanical, 3-year finish, 1-year electrical



### Functions

Series	Description
QED114	SVR Hex Dog
QED115	SVR Cylinder Dog
QED116	SVR Fire-Rated
QED117	SVR Less Bottom Rod – Hex Dog
QED118	SVR Less Bottom Rod – Cylinder Dog
QED119	SVR Less Bottom Rod – Fire-Rated

### Exit Trim Offerings

ANSI	Series	Description
02	QET120	Dummy Lever Escutcheon
02	QET125	Dummy Pull Plate
14	QET130	Passage Lever Escutcheon
08	QET160	Keyed Lever Escutcheon
05	QET165	Thumbpiece
02	QET167	Dummy Thumbpiece
09	QET170	Night Latch Lever Escutcheon
03	QET175	Night Latch Pull
01	QET190	Flat Plate

### Finishes

BHMA	Description
605	Bright Brass
710	Anodized DuraNodic Bronze
626	Satin Chrome

## QED 100 Series: Grade 1 Heavy-Duty Exit Devices

### Concealed Vertical Rod (CVR) Type

#### Performance Features

- Tested and certified to significantly exceed 1,000,000 cycles – well above the requirements for Grade 1 certification.
- Thru-bolt trim design for increased security and durability.
- Wide variety of trim options to fit any job.
- Consistent styling allows for harmonization with other STANLEY Commercial Hardware products.

#### Certifications

- ANSI/BHMA A156.3 – Grade 1
- UL/cUL listed (3 hours) for “A” label door applications (8' x 8')
- ANSI A117.1 Section 404.2.6 Accessibility Code (ADA Compliant)



#### Product Specifications

- Handing – All QED100 Series Exit Devices are non-handed.
- Door thickness – 1 3/4" standard (44.5mm).
- Door height – 7' standard with 84" rods; 8' with 96" rods.
- Latch bolt – Stainless steel 1/2" throw (12.7mm).
- Fasteners – Wood screws, machine screws and sex bolts standard.
- Head cap & end cap – Zinc die-cast.
- Trims – Sierra, Summit and Slate styles available.  
Escutcheon offering – Dummy, passage, keyed, night latch.  
Pull plate offering – Dummy, thumbpiece, night latch, flat plate.
- Stile width – 3 1/2" minimum (89mm). Consult installation template for appropriate device length to ensure proper fit.
- Dogging – Hex key dogging and cylinder dogging available.
- 36" field sizeable to 32" door.  
48" field sizeable to 36" door.
- Standard backset – 2 7/8" (62mm) to face of doorstop.
- Electrification options available.
- QED129 includes bottom fire latch.

#### Keying

- Offered with the following keyway options: BF-SFIC "F", KW-Kwikset, WE-Weiser, SC-Schlage, GA-Yale, LA-Sargent & LC-Less Cylinder. Consult factory for other cylinder options and for details on Mortise and Rim Cylinder requirements.

#### Warranty

- Lifetime Mechanical, 3-year finish, 1-year electrical



#### Functions

Series	Description
QED124	CVR Hex Dog
QED125	CVR Cylinder Dog
QED126	CVR Fire-Rated
QED127	CVR Less Bottom Rod – Hex Dog
QED128	CVR Less Bottom Rod – Cylinder Dog
QED129	CVR Less Bottom Rod – Fire-Rated

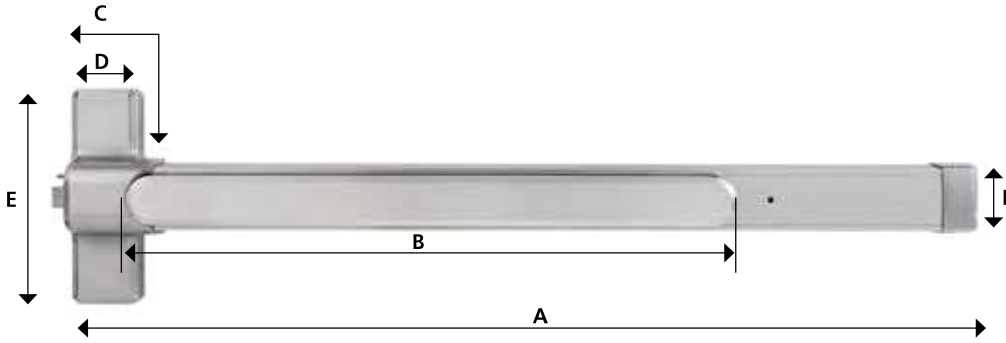
#### Exit Trim Offerings

ANSI	Series	Description
02	QET120	Dummy Lever Escutcheon
02	QET125	Dummy Pull Plate
14	QET130	Passage Lever Escutcheon
08	QET160	Keyed Lever Escutcheon
05	QET165	Thumbpiece
02	QET167	Dummy Thumbpiece
09	QET170	Night Latch Lever Escutcheon
03	QET175	Night Latch Pull
01	QET190	Flat Plate

#### Finishes

BHMA	Description
605	Bright Brass
710	Anodized Duralumin Bronze
626	Satin Chrome

## QED 100 Series: Grade 1 Heavy-Duty Exit Devices



QED100 Series	36" Device			48" Device			All QED100 Devices			
	Minimum Door Width	Device Length	Pushpad Length	Minimum Door Width	Device Length	Pushpad Length	Head Cap Length	Head Cap Length	Head Cap Width	End Cap Length
Measurement		A	B		A	B	C	D	E	F
Panic-Rated (with Dogging)	30"	33"	20.5"	36"	45"	24.5"	3.625"	2.75"	9"	2.5"
	762mm	838.20mm	520.70mm	914.40mm	1143mm	622.30mm	92.10mm	69.90mm	228.60mm	63.50mm
Fire-Rated or Panic (with Dogging Removed)	29"	33"	20.5"	33"	45"	24.5"	3.625"	2.75"	9"	2.5"
	736.60mm	838.20mm	520.70mm	838.20mm	1143mm	622.30mm	92.10mm	69.90mm	228.60mm	63.50mm

### EXIT DEVICES

Model/Series	Functions	Style	Case Qty
QED111	Rim Hex Dog	—	1
QED112	Rim Cylinder Dog	—	1
QED113	Rim Fire-Rated	—	1
QED114	SVR Hex Dog	7FT	1
QED115	SVR Cylinder Dog	7FT	1
QED116	SVR Fire-Rated	7FT	1
QED117	SVR Less Bottom Rod (LBR) Hex Dog	7FT	1
QED118	SVR LBR Cylinder Dog	7FT	1
QED119	SVR LBR Fire-Rated	7FT	1
QED124	CVR Hex Dog	7FT	1
QED125	CVR Cylinder Dog	7FT	1
QED126	CVR Fire-Rated	7FT	1
QED127	CVR LBR Hex Dog	7FT	1
QED128	CVR LBR Cylinder Dog	7FT	1
QED129	CVR LBR Fire-Rated	7FT	1

### Other Options

8FT	Vertical rod kit for 8FT door application
48"	48" Device (Consult factory for lead-time)
HC	Hurricane Compliant

NOTES: All Less Bottom Rod (LBR) fire-rated devices include a bottom fire latch.

## QED 100 Series: Grade 1 Heavy-Duty Exit Devices

### Electrified Options (Consult Factory For Lead Times)



Model #	Description
QED__LR	Electrified Latch Retraction (LR) allows for the remote unlatching of exit devices. Continuous duty solenoids retract latches momentarily or for extended periods of time. <u>Requires</u> the use of Stanley Commercial Hardware power supply 8Q00312 or 8Q00313.
QED__ED	Electrified Dogging (ED) allows continuous latch retraction and dogging simultaneously. ED requires first-time mechanical activation after which the push bar will continuously hold the push bar and latch retracted. When power is removed or interrupted from the device, the latch bolt will extend and push bar will release. Uses power supply 8Q00314 (see p. 20).
QED__X	Request to Exit (X) is an SPDT (Single Pole Double Throw) switch which monitors the push bar of the exit device. The X switch can be used to activate a door alarm, control a magnetic locking device, shunt a door alarm or signal a control console when the push bar is depressed.
QED__LRX	Electrified Latch Retraction (LR) device with a Request to Exit (X) switch. <u>Requires</u> the use of Stanley Commercial Hardware power supply 8Q00312 or 8Q00313.
QED__EDX	Electrified Dogging (ED) device with a Request to Exit (X) switch. Uses power supply 8Q00314 (see p. 20).

### Power Supply Options (Consult Factory For Lead Times)

Model #	Description
8Q00312	Power supply for Electronic Latch Retraction Devices (LR/LRX).
8Q00313	Power supply with day/night mode for Electronic Latch Retraction Devices (LR/LRX).

### Electrified Product Specifications

- Consult factory for lead times.
- Electrification prices should be added to price of device.
- Continuous duty solenoids.
- Ties into alarm systems and electromagnetic locks.
- 24V AC/DC with .150 amp current.
- Lifetime warranty on exit device; 1-year warranty on electronic components.
- LR or LRX require power supply 8Q00312 or 8Q00313.
- Minimum door width 36."
- LR and ED require the removal of mechanical dogging mechanism.
- Options can be used in any Hex Dog or Fire-Rated QED100 Series Device (How to order example: QED111LR 36" 626).

### Power Supply Specifications (10" x 10" x 4.25")

#### 8Q00312

- Provides power for up to two LR or LRX devices.
- Supplied with wiring diagram in detailed instructions.
- Automatic door operator interface.
- Independent control of single exit devices (one or two single-doors) or sequential operation of two devices (pair of doors).
- Field adjustable latch retraction time delay.
- 24V DC or 12V DC auxiliary power, unfiltered and unregulated.

#### 8Q00313

- Same as 8Q00312 with the addition of a day/night mode.
- Provides separate input for retracting one exit device or two exit devices sequentially without activating the auto door operator. While the latches are held retracted, auto operator can be activated independently from a different output.

# How to Order

## QED 100 Series: Grade 1 Heavy-Duty Exit Devices

### Example

**If you ordered:** QED115 LR 36" 7FT 313AN KW KD

**You would get:** Grade 1 Heavy-Duty Architectural Surface Vertical Rod Exit Device with Cylinder Dogging for a 7' Door, in Anodized Duranodic Bronze, Kwikset Keyway, Keyed Different.

11	Rim Hex Dog	24	CVR Hex Dog
12	Rim Cylinder Dog	25	CVR Cylinder Dog
13	Rim Fire-Rated	26	CVR Fire-Rated
14	SVR Hex Dog	27	CVR LBR – Hex Dog
15	SVR Cylinder Dog	28	CVR LBR – Cylinder Dog
16	SVR Fire-Rated	29	CVR LBR – Fire-Rated
17	SVR LBR – Hex Dog		
18	SVR LBR – Cylinder Dog		
19	SVR LBR – Fire-Rated		

605	Bright Brass
313AN	Anodized Duranodic Bronze
626	Satin Chrome

KD	Keyed Different
KA	Keyed Alike
CK	Construction Keyed
CMK	Construction Master Keyed
MAIS	Maison Keyed
MK	Master Keyed
GMK	Grand Master Keyed
GGMK	Great Grand Master Keyed
ZB	Zero Bitted

Base Part Number								
Series	Function	Options	Size	Height	Finish	Keyway	Keying	Notes
<b>QED1</b>	<b>15</b>	<b>LR</b>	<b>36"</b>	<b>7FT</b>	<b>313AN</b>	<b>KW</b>	<b>KD</b>	<b>XXXX</b>

QED1xx	Grade 1 Architectural Exit Device
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36"	36" Device
48"	48" Device

7FT	7 ft Rod
8FT	8 ft Rod

KW	Kwikset "KW"
WE	Weiser "E"
SC	Schlage "C"
GA	Yale "GA"
LA	Sargent "LA"
BF	SFIC "F"
LC	Less Cylinder

LR	Electrified Latch Retraction
LRX	Electrified Latch Retraction with Request to Exit
ED	Electrified Dogging
EDX	Electrified Dogging with Request to Exit
X	Request to Exit
HC	Hurricane Compliant